

555587

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 November 2004 (25.11.2004)

PCT

(10) International Publication Number
WO 2004/101760 A2

(51) International Patent Classification⁷:**C12N**

Uppingham Road, Leicester Leicestershire LE5 2DP (GB).
REES, Helen, C. [GB/GB]; Flat 3, 15 Moor Oaks Road, Sheffield S10 1BX (GB). **GRANT, Susan** [GB/GB]; 15 The Tithings, Kibworth Beauchamp Leicestershire LE8 0PU (GB).

(21) International Application Number:

PCT/US2004/014685

(74) Agent: **ITO, Richard, T.**; Genencor International, INC., 925 Page Mill Road, Palo Alto, CA 94304 (US).

(22) International Filing Date: 12 May 2004 (12.05.2004)

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language:

English

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

(26) Publication Language:

English

(30) Priority Data:

60/470,069

12 May 2003 (12.05.2003) US

[Continued on next page]

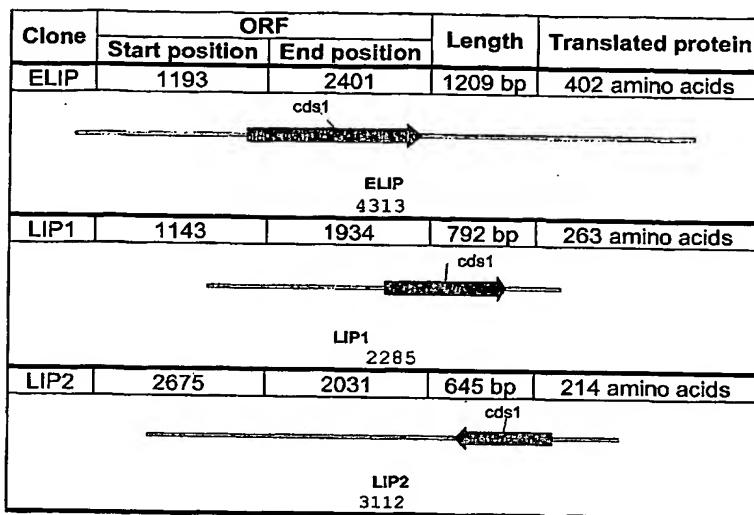
(71) Applicant (*for all designated States except US*): GENENCOR INTERNATIONAL, INC. [US/US]; 925 Page Mill Road, Palo Alto, CA 94304 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **JONES, Brian, Edward** [GB/NL]; Gravin Juliana van Stolberglaan 24, NL-2263 VA Leidschendam (NL). **GRANT, William, D.** [GB/GB]; 15 The Tithings, Kibworth Beauchamp Leicestershire LE8 0PU (GB). **HEAPHY, Shaun** [GB/GB]; 426

(54) Title: NOVEL LIPOLYTIC ENZYME ELIP

Details of the putative ORF's encoding esterase/lipase activity



(57) Abstract: ABSTRACT The present invention provides a novel nucleic acid sequence, designated **ELIP**, encoding a lipolytic enzyme and the corresponding encoded amino acid sequences. The invention also provides expression vectors and host cells comprising a nucleic acid sequence encoding at least one novel lipolytic enzyme, recombinant lipolytic enzyme proteins and methods for producing the same.

WO 2004/101760 A2



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *without international search report and to be republished upon receipt of that report*